

Claims

What is claimed is:

1. A system for resource configuration in a multi-modal distributed computing system having at least one resource capable of being configured, the system comprising:

5 an arrangement for obtaining information associated with a mobile device within the system;

 an arrangement for obtaining information associated with the system;

 an arrangement for configuring said at least one resource based upon the information associated with the mobile device and the system.

10 2. The system according to Claim 1, wherein said information associated with the mobile device includes contextual information associated with the needs of the user of the mobile device, the location of the mobile device, and the environment in which the mobile device is located.

 3. The system according to Claim 1, wherein said information associated with the
15 system includes information associated with the capabilities of devices within the system.

4. The system according to Claim 1, wherein said information associated with the system includes information associated with characteristics of the environment in which the system is located.

5. The system according to Claim 1, wherein said characteristics of the environment in which the system is located are current characteristics.

6. The system according to Claim 1, wherein the at least one resource to be configured is an interface resource.

7. The system according to Claim 1, wherein the at least one resource to be configured is a computing resource.

8. The system according to Claim 7, wherein the computing resource is an application.

9. The system according to Claim 8, wherein the application has multiple configurations and the application is configured to be most appropriate for the environment in which the mobile device is located.

10. The system according to Claim 1, wherein the at least one resource to be configured is an information resource.

11. A method for resource configuration in a multi-modal distributed computing system having at least one resource capable of being configured, the method comprising the steps of:

obtaining information associated with a mobile device within the system;

5 obtaining information associated with the system;

configuring said at least one resource based upon the information associated with the mobile device and the system.

12. The method according to Claim 11, wherein said information associated with the mobile device includes contextual information associated with the needs of the user of
10 the mobile device, the location of the mobile device, and the environment in which the mobile device is located.

13. The method according to Claim 11, wherein said information associated with the system includes information associated with the capabilities of devices within the system.

15 14. The method according to Claim 11, wherein said information associated with the system includes information associated with characteristics of the environment in which the system is located.

15. The method according to Claim 14, wherein said characteristics of the environment in which the system is located are current characteristics.

16. The method according to Claim 11, wherein the at least one resource to be configured is an interface resource.

5 17. The method according to Claim 11, wherein the at least one resource to be configured is a computing resource.

18. The method according to Claim 17, wherein the computing resource is an application.

10 19. The method according to Claim 18, wherein the application has multiple configurations and the application is configured to be most appropriate for the environment in which the mobile device is located.

20. The method according to Claim 11, wherein the at least one resource to be configured is an information resource.

15 21. A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform a method for resource configuration in a multi-modal distributed computing system having at least one resource capable of being configured, the method comprising the steps of:

obtaining information associated with a mobile device within the system;

obtaining information associated with the system;

configuring said at least one resource based upon the information associated with the mobile device and the system.